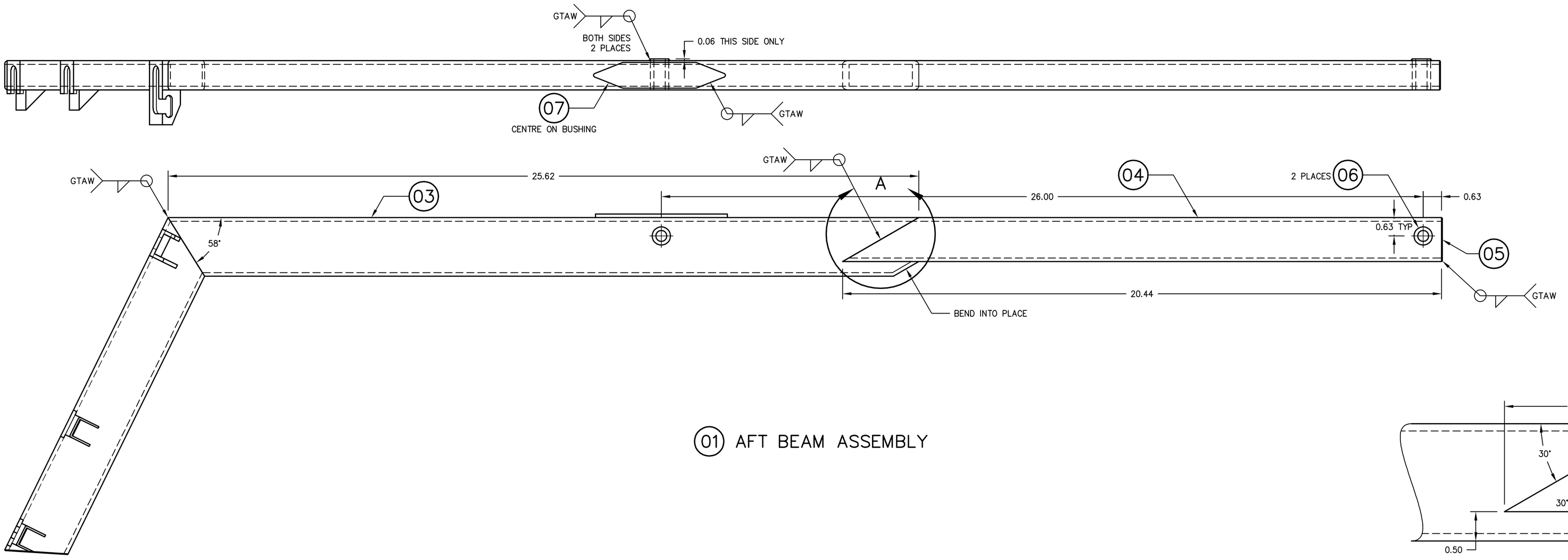
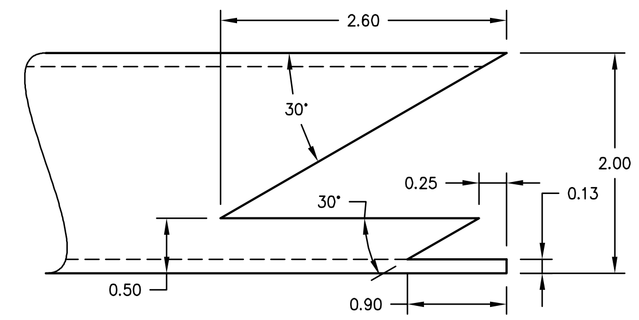
THIS DRAWING CONTAINING INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE – CREATED FROM 49731 REV. 0		



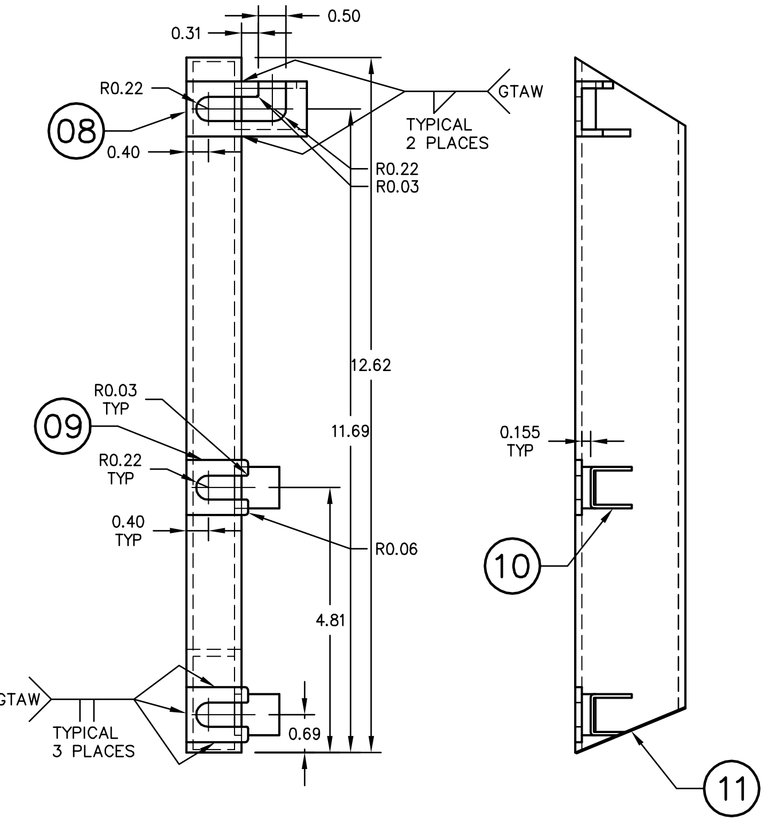
01 AFT BEAM ASSEMBLY



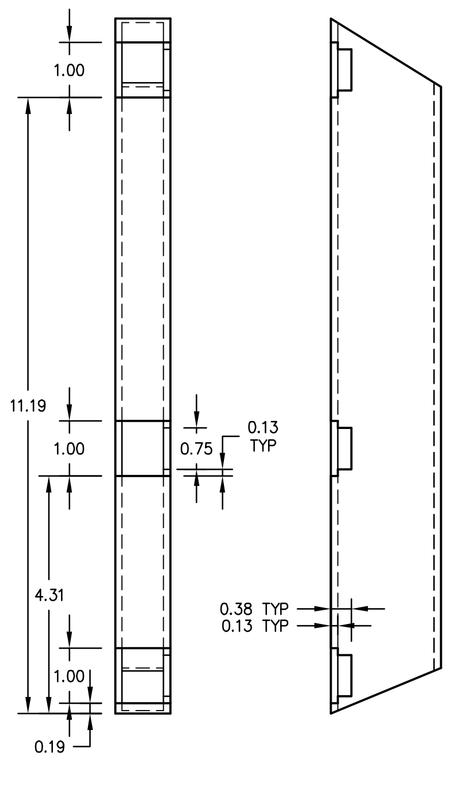
DETAIL A
SCALE 1 : 1

NOTES

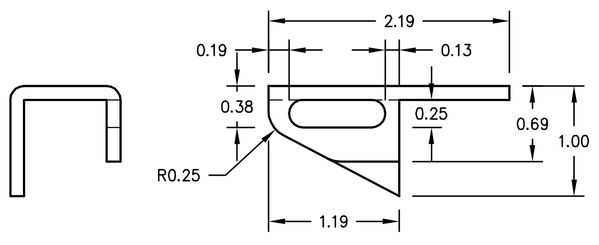
1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. WELDING OF STEEL TO BE COMPLETED BY GTAW METHOD TO AMS2685C.
   WELDING ROD SHALL CONFORM TO ER308L OR EQUIVALENT FOR STAINLESS STEEL.
3. ALL STEEL PARTS TO BE THOROUGHLY DEGREASED AND POWDER COATED PRIOR TO INSTALLATION.



02 DOWN TUBE
AFTER WELDING



02 DOWN TUBE
BEFORE WELDING



02 UPPER GUIDE
BEFORE WELDING

1		69830–19	11	CAP	321 STAINLESS COND. A	AMS 5510	MIN 0.025 SHEET
2		78633–05	10	STOP BRACKET	304 STAINLESS STEEL	ASTM A554	0.75 X 0.065 SQR. TUBE
2		78633–03	09	GUIDE	304 STAINLESS STEEL	ASTM A240	1.0 X 0.125 BAR
1		49732–08	08	UPPER GUIDE	304 STAINLESS STEEL	ASTM A554	1 X 2 X 0.125 TUBE
	1	69830–16	07	STRAP	304 STAINLESS STEEL	MIL–S–5059	0.100 SHEET
	2	69830–15	06	BUSHING	304 STAINLESS STEEL	ASTM A213	ø0.625 X 0.120 TUBE
	1	49731–05	05	CAP	321 STAINLESS COND. A	AMS 5510	MIN 0.025 SHEET
	1	49731–04	04	TUBE	304 STAINLESS STEEL	ASTM A554	1.5 X 1 X 0.12 TUBE
	1	49731–03	03	TUBE	304 STAINLESS STEEL	ASTM A554	2 X 1 X 0.12 TUBE
\	1	49732–02	02	DOWN TUBE	304 STAINLESS STEEL	ASTM A554	2 X 1 X 0.12 TUBE
\	\	49732–01	01	AFT BEAM ASSEMBLY			
02	01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	QTY	LIST OF MATERIALS					

APPROVALS		DATE
DRAWN:	JEFF CLARKE	11 MAR 2013
CHECKED:	E. BURGOIN	11 MAR 2013

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
DECIMALS X.XXX ±0.010, X.XX ±0.03, X.X ±0.1
ANGLES ±1/2°

AERO DESIGN LTD.
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M
2013 – 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7
tel: (403) 250–8027 fax: (403) 250–8333 www.aerodesign.ca

BELL 206B
QUICK RELEASE MOUNTING PROVISIONS
AFT BEAM FABRICATION

SCALE	DWG. SIZE	DWG. NO.	REV.
1 : 2	A1	49732	0
SHEET 1 OF 1			